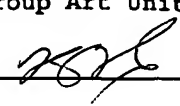
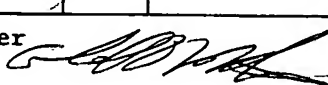
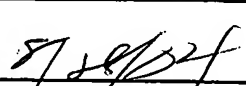

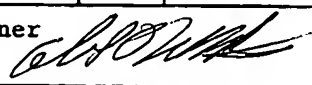



Form PTO-1449					Atty Docket No.		Serial No.	
U.S. Department of Commerce, Patent and Trademark Office					BDG005-6		10/695,564	
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)					Applicant			
					Cheng-Lien Chiang			
					Filing Date		Group Art Unit	
					October 28, 2003			
<b>U.S. Patent Documents</b>								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
BN	AA	4,971,930	11/1990	Fusaroli et al.	437	217		
M	AB	5,530,282	06/1996	Tsuji	257	666		
R	AC	6,512,219	01/2003	Webster et al.	250	208.1		
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
	AL							
	AM							
<b>Foreign Patent Documents</b>								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	AN							
	AO							
<b>Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	AP							
	AQ							
Examiner 				Date Considered 				
<b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your next communication to Applicant.								

Form PTO-1449		Atty Docket No. BDG005-6					
U.S. Department of Commerce, Patent and Trademark Office		Serial No. 10/695,564					
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)		Applicant Cheng-Lien Chiang					
		Filing Date October 28, 2003	Group Art Unit <i>2872</i>				
<b>U.S. Patent Documents</b>							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
<i>SW</i>	AA 5,440,231	08/1995	Sugai	324	158.1		
<i>PC</i>	AB 6,114,770	09/2000	Akram et al.	257	784		
<i>PC</i>	AC 6,353,265	03/2002	Michii	257	777		
<i>PC</i>	AD 6,369,595	04/2002	Farnworth et al.	324	755		
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
<b>Foreign Patent Documents</b>							
						Translation	
	Document	Date	Country	Class	Subclass	Yes	No
	AN						
	AO						
<b>Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	AP						
	AQ						
Examiner <i>[Signature]</i>		Date Considered <i>8/28/04</i>					
<b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your next communication to Applicant.							

Form PTO-1449				Atty Docket No.		Serial No.		
U.S. Department of Commerce, Patent and Trademark Office				BDG005-6		10/695,564		
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)				Applicant Cheng-Lien Chiang				
				Filing Date		Group Art Unit		
				October 28, 2003				
<b>U.S. Patent Documents</b>								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
<i>SN</i>	AA	5,594,275	01/14/97	Kwon et al.	257	686		
<i>RS</i>	AB	6,190,944	02/20/01	Choi	438	109		
<i>PC</i>	AC	6,335,565	01/01/02	Miyamoto et al.	257	686		
<i>SM</i>	AD	6,483,718	11/19/02	Hashimoto	361	803		
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
	AL							
	AM							
<b>Foreign Patent Documents</b>								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	AN							
	AO							
<b>Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	AP							
	AQ							
Examiner <i>[Signature]</i>		Date Considered <i>8/28/04</i>						
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Form PTO-1449					Atty Docket No.		Serial No.	
U.S. Department of Commerce, Patent and Trademark Office					BDG005-6		10/16/95 5624	
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)					Applicant Cheng-Lien Chiang			
					Filing Date 10/28/03		Group Art Unit 2823	
<b>U.S. Patent Documents</b>								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
m	AA	5,081,520	01/1992	Yoshii et al.	357	80		
	AB	5,241,133	08/1993	Mullen, III et al.	174	52.4		
	AC	5,394,303	02/28/95	Yamaji	361	749		
	AD	5,665,652	09/1997	Shimizu	438	127		
	AE	5,674,785	10/1997	Akram et al.	437	217		
	AF	5,744,827	04/28/98	Jeong et al.	257	686		
	AG	5,744,859	04/1998	Ouchida	257	668		
	AH	5,804,771	09/1998	McMahon et al.	174	255		
	AI	5,811,879	09/1998	Akram	257	723		
	AJ	5,949,655	09/1999	Glenn	361	783		
	AK	6,013,877	01/2000	Degani et al.	174	264		
	AL	6,143,588	11/2000	Glenn	438	116		
	AM	6,159,770	12/2000	Tetaka et al.	438	112		
m	AN	6,274,927	08/2001	Glenn	257	680		
<b>Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
m	AO	Crowley, "Socket Developments for CSP and FBGA Packages," Chip Scale Review, May 1998, pp. 37-40.						
m	AP	Forster, "Socket Challenges for Chip-Scale Packages," Chip Scale Review, May 1998, pp. 43-47.						
m	AQ	Amagai, "Chip-Scale Packages for Center-Pad Memory Devices," Chip Scale Review, May 1998, pp. 68-77.						
m	AR	Vandavelde et al., "The PSGA, a Lead-Free CSP for High Performance & High Reliable Packaging," Proceedings of the 2001 International Symposium on Microelectronics, October 9, 2001, pp. 260-265.						
Examiner 			Date Considered 8/28/04					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your next communication to Applicant.								

Form PTO-1449		Atty Docket No.	Serial No.
U.S. Department of Commerce, Patent and Trademark Office		BDG005-6	10/1695564
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)		Applicant Cheng-Lien Chiang	
		Filing Date 10/28/03	Group Art Unit 2826
*Examiner Initial	Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)		
AM	AA	U.S. Application Serial No. 09/865,367, filed May 24, 2001, entitled "Semiconductor Chip Assembly With Simultaneously Electroplated Contact Terminal and Connection Joint"	
	AB	U.S. Application Serial No. 09/864,555, filed May 24, 2001, entitled "Semiconductor Chip Assembly with Simultaneously Electrolessly Plated Contact Terminal and Connection Joint"	
	AC	U.S. Application Serial No. 09/864,773, filed May 24, 2001, entitled "Semiconductor Chip Assembly With Ball Bond Connection Joint"	
	AD	U.S. Application Serial No. 09/878,649 filed June 11, 2001, entitled "Method of Making a Semiconductor Chip Assembly with a Conductive Trace Subtractively Formed Before and After Chip Attachment"	
	AE	U.S. Application Serial No. 09/878,626 filed June 11, 2001, entitled "Method of Connecting a Conductive Trace to a Semiconductor Chip"	
	AF	U.S. Application Serial No. 09/917,339 filed July 27, 2001, entitled "Method of Connecting a Bumped Compliant Conductive Trace to a Semiconductor Chip"	
	AG	U.S. Application Serial No. 09/927,216 filed August 10, 2001, entitled "Semiconductor Chip Assembly with Hardened Connection Joint"	
	AH	U.S. Application Serial No. 09/939,140 filed August 24, 2001, entitled "Semiconductor Chip Assembly with Interlocked Conductive Trace"	
	AI	U.S. Application Serial No. 09/962,754 filed September 24, 2001, entitled "Method of Connecting a Conductive Trace and an Insulative Base to a Semiconductor Chip"	
	AJ	U.S. Application Serial No. 09/972,796 filed October 6, 2001, entitled "Method of Connecting a Bumped Compliant Conductive Trace and an Insulative Base to a Semiconductor Chip"	
ON	AK	U.S. Application Serial No. 09/997,973 filed November 29, 2001, entitled "Method of Connecting a Bumped Conductive Trace to a Semiconductor Chip"	
Examiner	Date Considered		
al/m	8/28/04		
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your next communication to Applicant.</p>			

Form PTO-1449 U.S. Department of Commerce, Patent and Trademark Office					Atty Docket No. BDG005-6		Serial No. 10/695564	
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)					Applicant Cheng-Lien Chiang			
					Filing Date 10/28/03		Group Art Unit 2824	
<b>U.S. Patent Documents</b>								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
ON	AA	4,706,166	11/10/87	Go	361	403		
	AB	4,807,021	02/21/89	Okumura	357	75		
	AC	4,897,708	01/30/90	Clements	357	65		
	AD	4,954,875	09/04/90	Clements	357	75		
	AE	4,984,358	01/15/91	Nelson	29	830		
	AF	4,996,583	02/26/91	Hatada	357	70		
	AG	5,049,979	09/17/91	Hashemi et al.	357	75		
	AH	5,104,820	04/14/92	Go, deceased et al.	437	51		
	AI	5,138,438	08/11/92	Masayuki et al.	357	75		
	AJ	5,332,922	07/26/94	Oguchi et al.	257	723		
	AK	5,484,959	01/16/96	Burns	174	524		
	AL	5,514,907	05/07/96	Moshayedi	257	723		
ON	AM	5,625,221	04/29/97	Kim et al.	257	686		
<b>Foreign Patent Documents</b>								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	AN							
	AO							
<b>Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
ON	AP	U.S. Application Serial No. 09/917,358, filed July 27, 2001, entitled "Three-Dimensional Stacked Semiconductor Package"						
ON	AQ	U.S. Application Serial No. 10/052,810, filed November 10, 2001, entitled "Semiconductor Module with Encapsulant Base"						
Examiner 		Date Considered 8/28/04						
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your next communication to Applicant.								

Form PTO-1449					Atty Docket No.		Serial No.	
U.S. Department of Commerce, Patent and Trademark Office					BDG005-6		10/645564	
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)					Applicant Cheng-Lien Chiang			
					Filing Date 10/28/63		Group Art Unit 2682	
<b>U.S. Patent Documents</b>								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
AA	AA	5,804,874	09/08/98	An et al.	257	676		
	AB	5,854,507	12/29/98	Miremadi et al.	257	686		
	AC	5,861,666	01/19/99	Bellaar	257	686		
	AD	5,910,685	06/08/99	Watanabe et al.	257	777		
	AE	5,973,393	10/26/99	Chia et al.	257	690		
	AF	6,072,233	06/06/00	Corisis et al.	257	686		
	AG	6,124,633	09/26/00	Vindasius et al.	257	685		
AH	AH	6,231,364	05/15/01	Liu	439	326		
	AI	6,233,154	05/15/01	Farnworth et al.	361	752		
	AJ							
	AK							
	AL							
	AM							
<b>Foreign Patent Documents</b>								
							<b>Translation</b>	
		Document	Date	Country	Class	Subclass	Yes	No
	AN							
	AO							
<b>Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
AP	Sugaya et al., "A New 3-D Module Using Embedded Actives and Passives," Proceedings of the 2001 International Symposium on Microelectronics, October 9, 2001, pp. 248-253.							
AQ	Nishida et al., "High Density Packaging Using Flip Chip Technology In Mobile Communication Equipment," Proceedings of the 2001 International Symposium on Microelectronics, October 9, 2001, pp. 272-277.							
Examiner		Date Considered						
[Signature]		8/29/04						
<p><b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your next communication to Applicant.</p>								

Form PTO-1449 U.S. Department of Commerce, Patent and Trademark Office					Atty Docket No. BDG005-6		Serial No. <i>10/695562</i>	
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)					Applicant Cheng-Lien Chiang			
					Filing Date <i>10/28/04</i>		Group Art Unit <i>2826</i>	
<b>U.S. Patent Documents</b>								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
<i>AN</i>	AA	5,149,958	09/1992	Hallenbeck et al.	250	216		
	AB	5,264,714	11/1993	Nakaya et al.	257	78		
	AC	5,405,809	04/1995	Nakamura et al.	437	209		
	AD	5,834,835	11/1998	Maekawa	257	680		
	AE	5,834,843	11/1998	Mori et al.	257	723		
	AF	5,859,471	01/1999	Kuraishi et al.	257	666		
	AG	5,893,723	04/1999	Yamanaka	438	65		
	AH	6,265,770	07/2001	Uchiyama	257	698		
	AI							
	AJ							
	AK							
	AL							
	AM							
<b>Foreign Patent Documents</b>								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
<i>AN</i>	AN	JP-57100761	06/1982	Japan	H01L	27/14		X
	AO							
<b>Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	AP							
	AQ							
Examiner <i>[Signature]</i>			Date Considered <i>3/28/04</i>					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your next communication to Applicant.								



Form PTO-1449 U.S. Department of Commerce, Patent and Trademark Office					Atty Docket No. BDG005-6		Serial No.	
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)					Applicant Cheng-Lien Chiang			
					Filing Date		Group Art Unit	
<b>U.S. Patent Documents</b>								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA	3,627,901	12/1971	Happ	174	52 PE		
	AB	3,678,385	07/1972	Bruner	324	158 F		
	AC	3,930,114	12/1975	Hodge	174	52 FP		
	AD	4,506,238	03/1985	Endoh et al.	333	138		
	AE	5,157,480	10/1992	McShane et al.	357	74		
	AF	5,207,102	05/1993	Takahashi et al.	73	727		
	AG	5,436,500	07/1995	Park et al.	257	696		
	AH	5,677,566	10/1997	King et al.	257	666		
	AI	5,866,939	02/1999	Shin et al.	257	666		
	AJ	5,894,107	04/1999	Lee et al.	174	52.2		
	AK	5,951,804	09/1999	Kweon et al.	156	244.12		
	AL	6,114,770	09/2000	Akram et al.	257	784		
	AM	6,130,116	10/2000	Smith et al.	438	127		
	AN	6,232,152	05/2001	DiStefano et al.	438	124		
	AO	6,297,543	10/2001	Hong et al.	257	666		
	AP	6,303,997	10/2001	Lee	257	778		
	AQ	6,326,700	12/2001	Bai et al.	257	790		
	AR	6,445,077	09/2002	Choi et al.	257	786		
AS	6,455,356	09/2002	Glenn et al.	438	123			
AT	6,468,836	10/2002	DiStefano et al.	438	128			
<b>Foreign Patent Documents</b>								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	AU	JP-01128897	05/1989	Japan	B42D	15/02		X
Examiner		Date Considered <u>8/26/04</u>						
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your next communication to Applicant.								

Form PTO-1449					Atty Docket No.		Serial No.	
U.S. Department of Commerce, Patent and Trademark Office					BDG005-6		10/695564	
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)					Applicant Cheng-Lien Chiang			
					Filing Date 10/28/04		Group Art Unit 2826	
<b>U.S. Patent Documents</b>								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
PW	AA	6,001,671	12/1999	Fjelstad	438	112		
M	AB	6,025,650	02/2000	Tsuji et al.	257	786		
M	AC	6,281,568	08/2001	Glenn et al.	257	684		
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
	AL							
	AM							
<b>Foreign Patent Documents</b>								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	AN							
	AO							
<b>Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	AP							
	AQ							
Examiner		Date Considered						
[Signature]		8/28/04						
<p><b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your next communication to Applicant.</p>								

Form PTO-1449					Atty Docket No.		Serial No.	
U.S. Department of Commerce, Patent and Trademark Office					BDG005-6		10/695564	
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)					Applicant Cheng-Lien Chiang			
					Filing Date 10/28/04		Group Art Unit 5826	
<b>U.S. Patent Documents</b>								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
AA	6,198,171	03/2001	Huang et al.	257	787			
AB	6,218,728	04/2001	Kimura	257	693			
AC								
AD								
AE								
AF								
AG								
AH								
AI								
AJ								
AK								
AL								
AM								
<b>Foreign Patent Documents</b>								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
AN	Jp-06097352	04/1994	Japan	H01L	23/50	X		
AO								
<b>Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
AP								
AQ								
Examiner				Date Considered 8/24/04				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your next communication to Applicant.								